

REMARKS

In the Office Action mailed June 28, 2006, the Examiner noted that claims 1-11 were pending, objected to claims 4, 5, 9 and 10 and rejected claims 1-3, 6-8 and 11. Claims 1, 6 and 11 have been amended. New claims 12-16 have been added. In view of the forgoing claims 1-16 remain pending for reconsideration which is requested. No new matter has been added. The Examiner's rejections and objections are traversed below.

OBJECTIONS

Claims 4, 5, 9 and 10 stand objected to as dependent from rejected claims. Claims 4 and 9 have been amended to be made independent and to include the elements of the independent claims they formerly were dependent from. We respectfully request that the objections to claims 4, 5, 9 and 10 be withdrawn.

REJECTIONS under 35 U.S.C. § 102

Claims 1-3, 6-8, and 11 stand rejected as anticipated under 35 U.S.C. § 102(b) by Watanabe. Watanabe is directed to the removal of the noise component in a chirp, utilizing the fact that the size of the chirp differs in a portion near the center of a slope and a portion near the peak and edge. This is in contrast to the present claims, where output of the light has an output power that is flat relative to the wavelength.

Claims 1, 6 and 11 have been amended to recite in part “producing continuous emission light waves.” Watanabe failing to disclose that a continuous emission light waves is produced. It is respectfully submitted that claims 1, 6 and 11 and the claims that depend therefrom are patentably distinguishable from the Watanabe.

NEW CLAIMS

Claims 12-16 are new. Claim 12 finds support on page 5 line 16 through page 6 line 14. The prior art failing to teach or suggest “shaping the optical pulse into a super Gaussian of a third order or higher; expanding the spectrum of an optical pulse sequence composed of the shaped optical pulses; and splitting the optical pulse sequence into respective frequencies.” Claims 13-16 are based on claims 7-10 respectively and made dependent from claim 12.

SUMMARY

It is submitted that the claims satisfy the requirements of 35 U.S.C. § 102. It is also submitted that claims 1-16 continue to be allowable. It is further submitted that the claims are

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not taught, disclosed or suggested by the prior art. The claims are therefore in a condition suitable for allowance. An early Notice of Allowance is requested.

If any further fees, other than and except for the issue fee, are necessary with respect to this paper, the U.S.P.T.O. is requested to obtain the same from deposit account number 19-3935.

Respectfully submitted,

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